

Converting Colors

CIELCh(59, 72.641, 153.574)

Have a look what the booklet for
CIELCh(59, 72.641, 153.574)
contains.

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Color

CIELCh(60, 65.208, 148.885)

Conversions

Conversions Part 1

Format	Color
Hex	00A752
RGB	0, 167, 82
RGB Percent	0%, 65%, 32%
CMY	1.0000, 0.3463, 0.6795
CMYK	1.00, 0.00, 0.51, 0.35
HSL	149°, 100%, 33%
HSV	149°, 100%, 65%
XYZ	15.2610, 28.1233, 12.5520
YIQ	107.3770, -72.2470, -61.8390

Conversions

Conversions Part 2

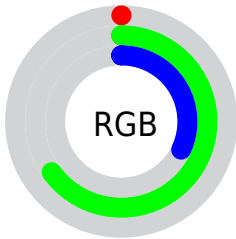
Format	Color
RYB	0, 112, 167
Decimal	42834
CIELab	60.00, -55.83, 33.70
CIELCh	60, 65.208, 148.885
Yxy	28.1233, 0.2728, 0.5028
Android (android.graphics.Color)	4278232914 (0xFF00A752)
YUV	107.3770, -12.5109, -94.1696
Hunter-Lab	53.0314, -41.4376, 23.0886

Details

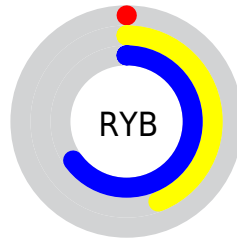
The CIELCh color **60, 65.208, 148.885** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **36, 61.795, 0.728**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 64.986, 148.923**, and **41, 56.884, 142.129** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.165, 148.852**, and if you desaturate by 10%, it is **60, 61.085, 150.994**.

Distribution



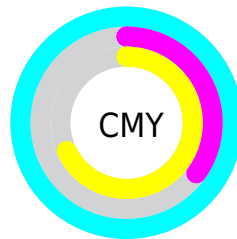
- Red (0%)
- Green (65%)
- Blue (32%)



- Red (0%)
- Yellow (44%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 65.208, 148.885 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 65.208, 148.885 by changing the saturation by 10% instead.


 60, 65.208,
148.885


 60, 65.208,
148.885


 100, 65.208,
148.885


 50, 65.208,
148.885


 80, 65.208,
148.885

 40, 65.208,
148.885

 90, 65.208,
148.885


 30, 65.208,
148.885

 20, 65.208,
148.885

 10, 65.208,
148.885

 0, 65.208, 148.885

 60, 65.208,

 60, 65.208,

148.885

148.885

■ 60, 65.165,
148.852

■ 60, 61.085,
150.994

■ 61, 56.423,
153.047

■ 61, 51.037,
154.897

■ 62, 44.960,
156.542

■ 62, 38.274,
157.996

■ 63, 31.097,
159.280

■ 64, 23.559,
160.417

■ 66, 15.788,
161.433

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 65.208, 148.885



36, 61.795, 0.728

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 65.208, 148.885



60, 65.208, 198.885



60, 65.208, 328.885



60, 65.208, 18.885

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 65.165, 148.852



82, 29.159, 160.358



61, 78.830, 127.355



43, 19.982, 159.910



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 65.165, 148.852



76, 79.989, 148.399



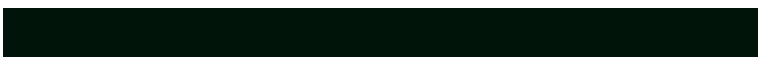
62, 36.909, 193.879



35, 4.506, 162.422



54, 59.382, 149.098



5, 8.641, 159.679

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36, 61.795, 0.728



47, 75.020, 1.566



34, 75.200, 39.164



33, 4.559, 343.839



31, 56.654, 0.281



2, 7.844, 347.084

Previews

White Background



This preview shows how the CIELCh color 60, 65.208, 148.885 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 65.208, 148.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 65.208, 148.885

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.208, 148.885.



This preview shows how white text looks on a background with the CIELCh color 60, 65.208, 148.885.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
60, 65.208, 148.885

Protanopia
60, 39.019, 95.678

Deuteranopia
60, 32.009, 75.685



Tritanopia
60, 27.614, 212.793

Trichromacy



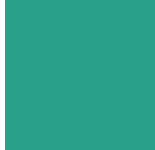
Original Color
60, 65.208, 148.885



Protanomaly
58, 46.228, 132.704



Deuteranomaly
57, 37.736, 130.473



Tritanomaly
60, 37.967, 175.973

Monochromacy



Original Color
60, 65.208, 148.885



Achromatopsia
45, 0.006, 296.813



Achromatomaly
49, 29.506, 158.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.208, 148.885 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 167, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 82)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 167, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.208, 148.885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 167, 82) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 167, 82) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 167, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 82);  
box-shadow:4px 4px 4px 4px rgb(0, 167, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.208, 148.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 82) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 167,  
82) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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